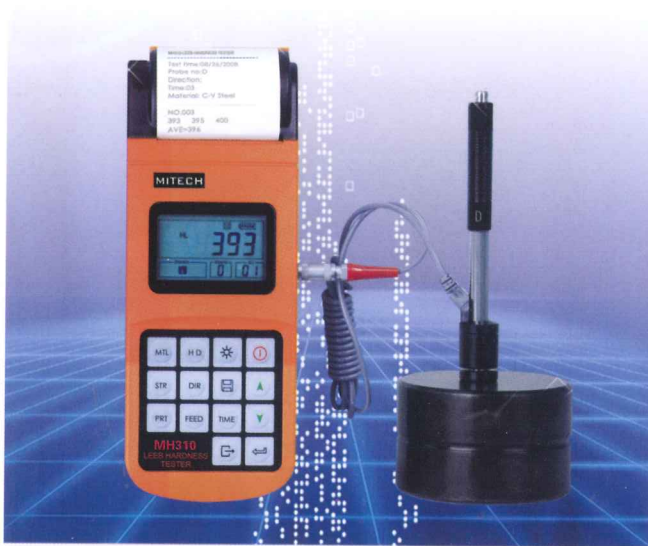


PORTABLE HARDNESS TESTER MH310



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Application:

- Die cavity of molds
- Bearings and other parts
- Failure analysis of pressure vessel, steam generator and other equipment
- Heavy workpiece
- The installed machinery and permanently assembled parts
- Testing surface of a small hollow space
- Material identification in the warehouse of metallic materials
- Rapid testing in large range and multi-measuring areas for large-scale workpiece

Technical Specification:

- Measuring range : HLD (170 ~ 960)
- Measuring direction : 0°~360°
- Hardness scale : HL, HB, HRB, HRC, HRA, HV, HS
- Display : segment LCD
- Data memory : 100 groups max. (relative to impact times 32 ~ 1)
- Printing paper: width is (57.5±0.5) mm, diameter is 30mm.
- Battery pack: 6V NI-MH
- Battery charger: 9V/500mA
- Continuous working period : about 150 hours (without backlight, no printing)
- Communication interface : USB1.1

Keypad Definition:

	Turn on/off the EL backlight		Data Save or Data Delete		Turn the instrument on/off
	Material Selection		Hardness/Strength switch		Plus or Up
	Hardness Scale Selection		Direction change		Minus or Down
	Manual Paper Feed		Impact Times set		
	Print data		Cancel or Exit		Data logging or Enter

Features:

- Large LCD with back-light, showing all function and parameter. Portable design, the size of the instrument is only 20cm.
- Test at any angle, even upside down.
- Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scale HRB, HRC, HV, HB, HS, HL and three types of strength value immediately.
- Large memory could store 100 groups (Relative to average times 32 ~ 1) information including single measured value, mean value, impact direction, impact times, material and hardness scale etc.
- Low power design with relying on stable integrate circuit. Charging for three hours, it can use for two months.
- Integrate the original imported high speed thermal printer into the instrument with which it supports immediately printing function. The imported long lasting paper can save the data permanently.
- Battery information showing the rest capacity of the battery and the charge status.
- Auto power off to save energy. It can work continuously for at least 150 hours without EL and printing
- Seven impact devices are available for special application. It can identify the type of impact devices automatically and has user calibration function.
- Equipped with USB port for connecting with PC by Data proceeding software.
- Excellent after-sale service system for high quality products—two years' quality guarantee and all life maintenance. Easy to buy and comfortable to use.

Standard Configuration

- | | |
|--------------------------|---|
| 1 Main Unit | 1 |
| 2 D type impact device | 1 |
| 3 Standard test block | 1 |
| 4 Cleaning brush | 1 |
| 5 Small support ring | 1 |
| 6 Battery Charger | 1 |
| 7 Paper for printing | 1 |
| 8 Manual | 1 |
| 9 Instrument case | 1 |
| 10 PC software and cable | 1 |

Optional Configuration:

- Support rings (page 10)
- Special impact devices (page 8)
- Tool for impact ball
- Other type of block

